

Transformation Review!

(Stations)

Station 1:

Describe the transformation

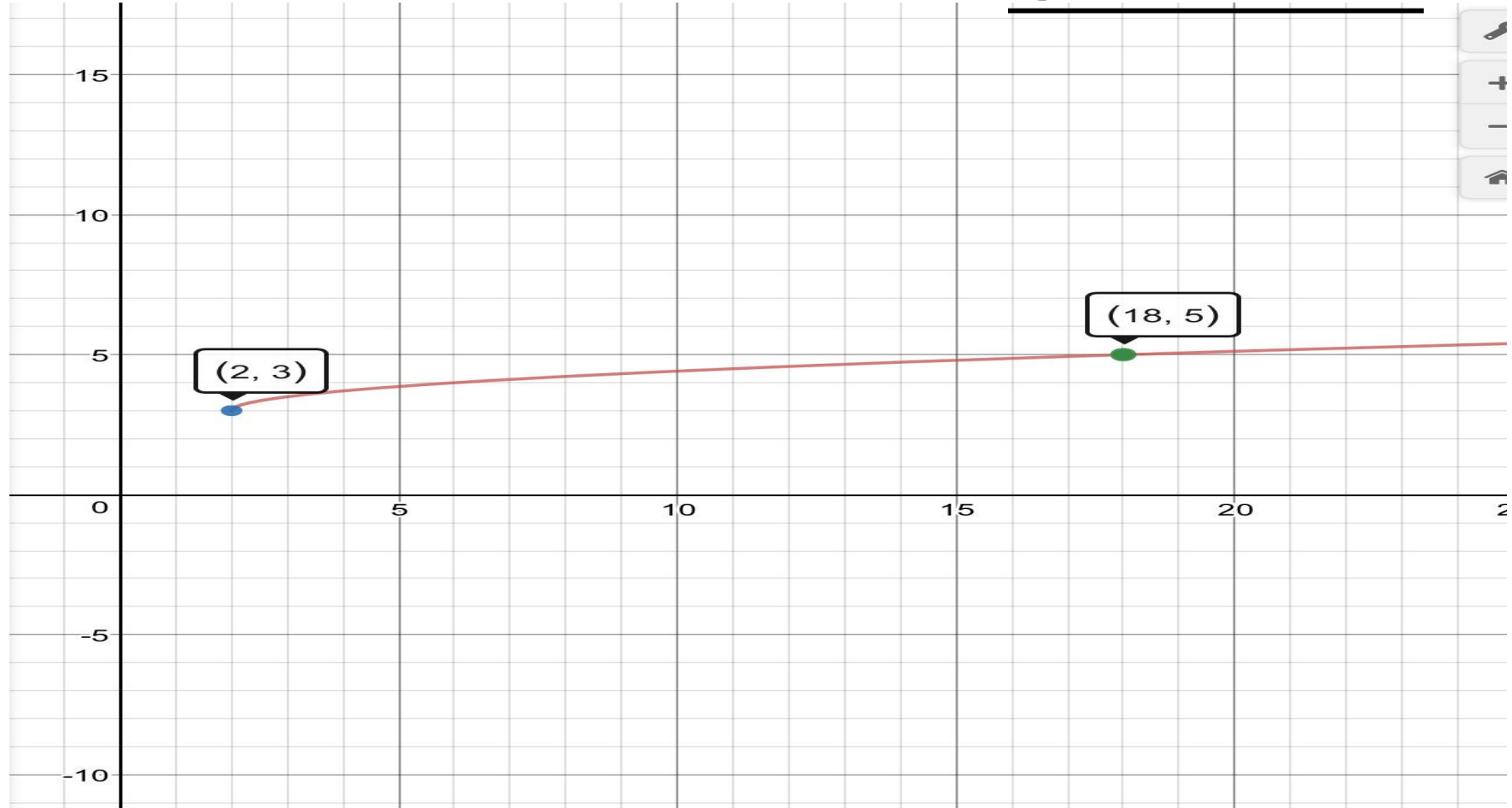
$$F(x)=2|x-3|+1$$

Parent Function:

Transformation:

Write an equation for the graph

Station 2:



Station 3:

Transform the arbitrary function

$$f(x) = -2f(x-2) + 1$$

X	Y
-3	-4
0	0
1	1
3	2

Station 4:

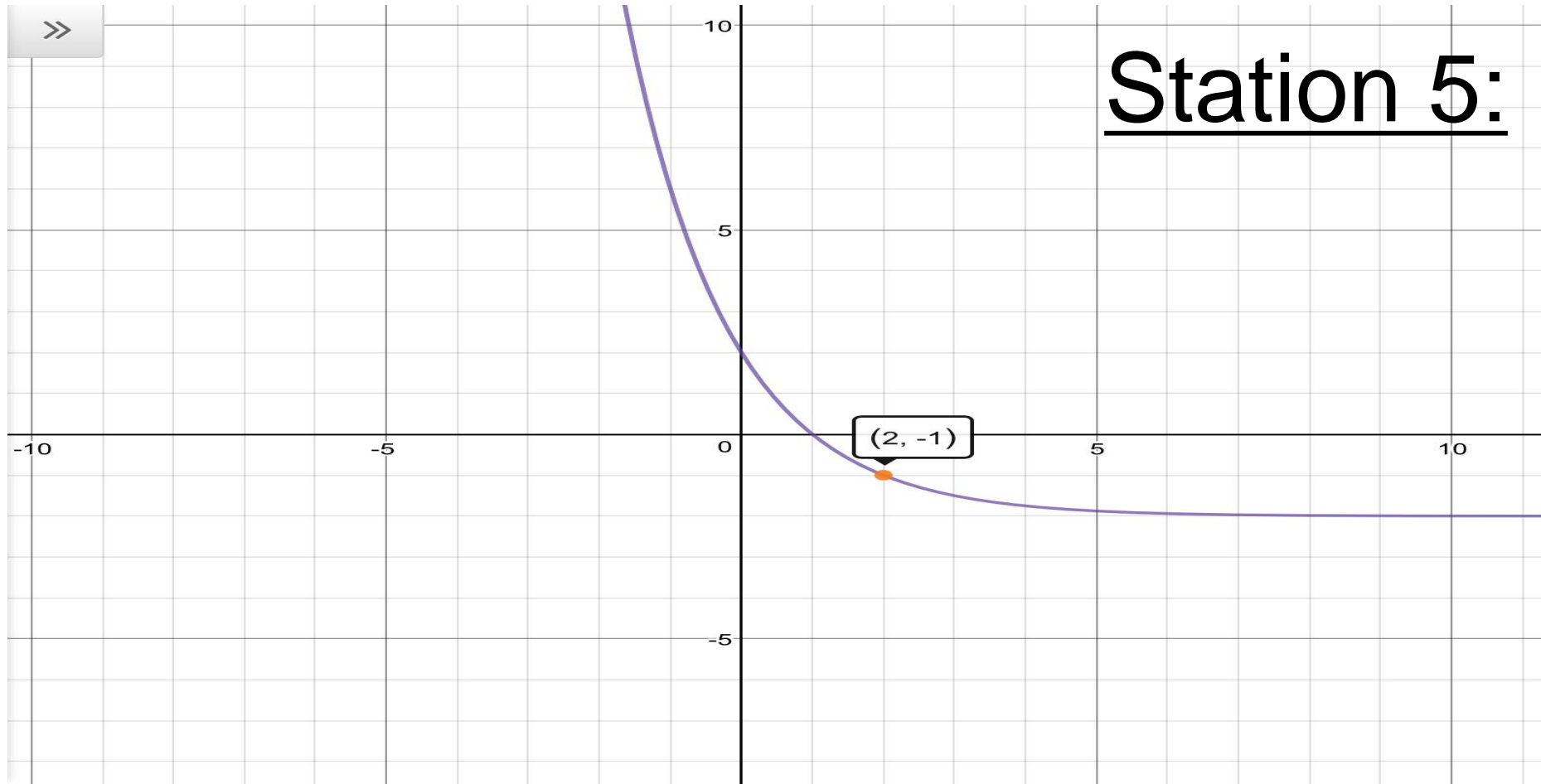
Describe the transformation

$$g(x) = (-x-3)^3 + 1$$

Parent Function:

Transformation

Write an equation for the transformation



Station 6:

Transform the arbitrary function

$$g(x)=f(-x)+3$$

X	Y
-3	-1
-2	1
1	2
3	4

Station 7:

Describe the transformation

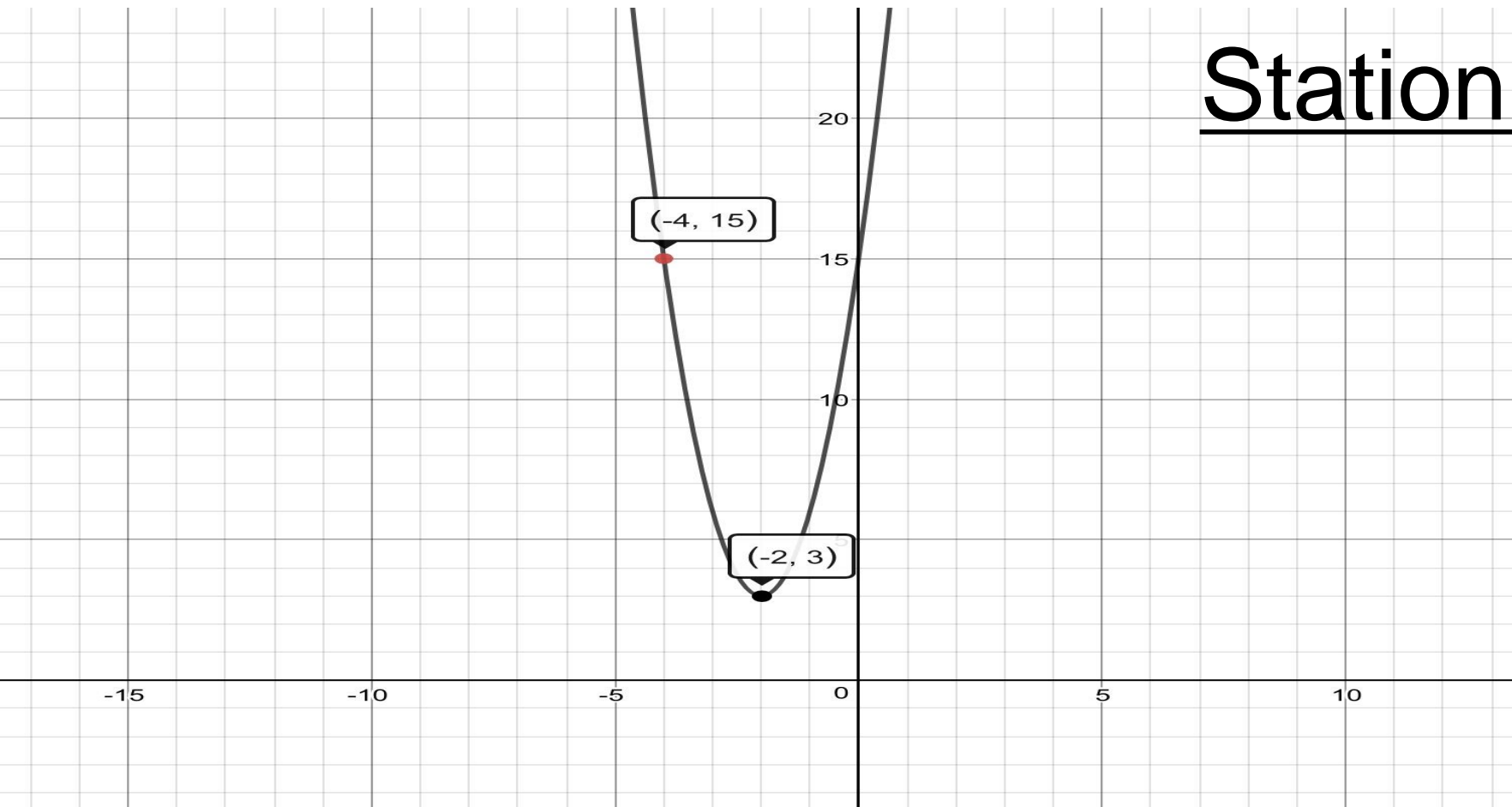
$$F(x) = .4(x-2) - 9$$

Parent Function:

Transformation:

Write an equation for the transformation

Station 8:



Station 9:

Transform the arbitrary function

$$h(x) = -f(x) + 1$$

X	Y
-1	-1
0	-1
2	0
4	1

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Station 12:

Describe the transformation

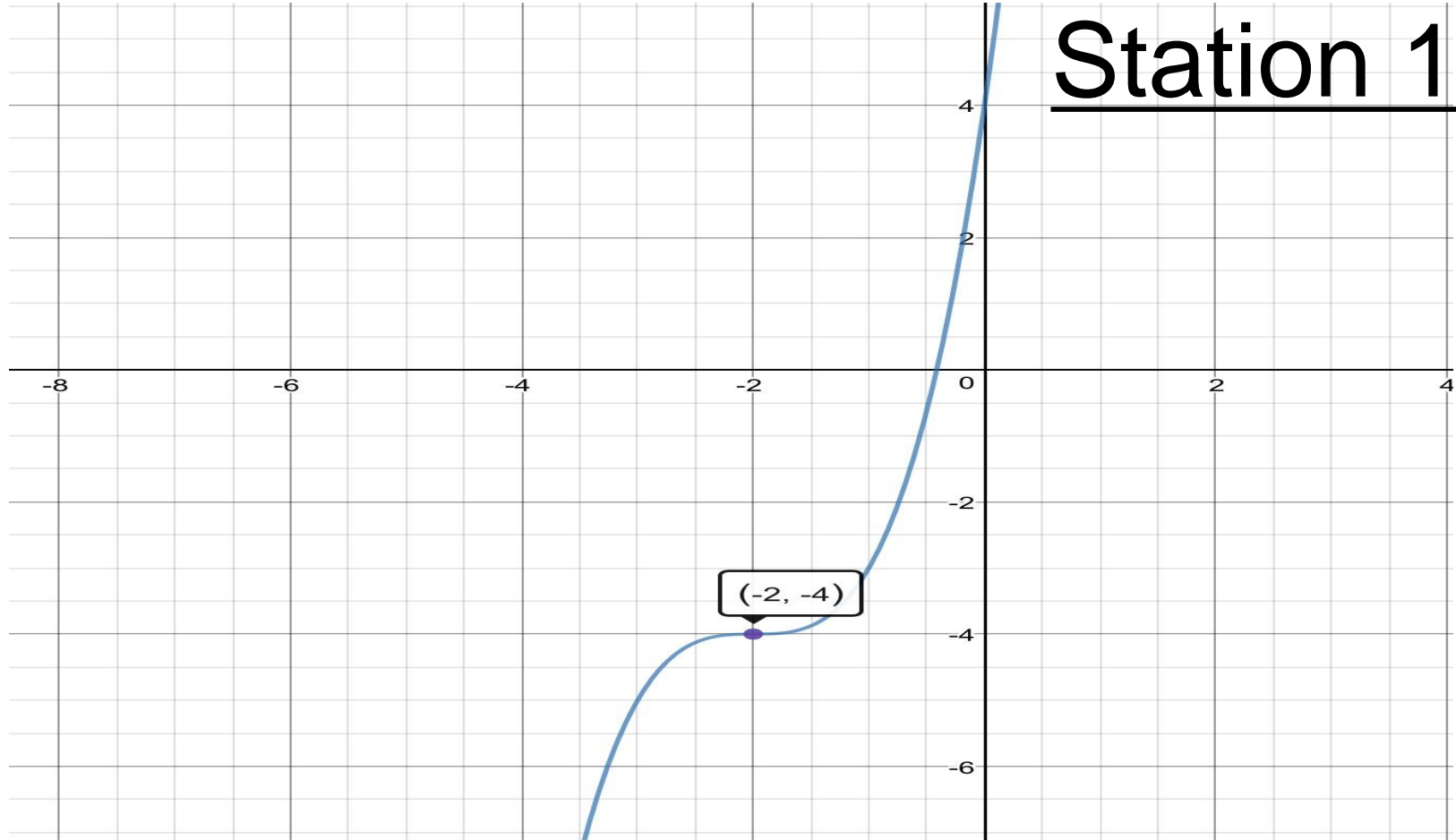
$$F(x) = -4\log(x+1) - 2$$

Parent Function:

Transformation:

Write an equation for the transformation

Station 10:



Station 11:

Transform the arbitrary function

$$h(x) = -4f(x+4) - 3$$

X	Y
3	-2
6	0
9	1
12	1